

ABSTRACT OF THE DISCLOSURE

The present invention relates to antibodies, antibody fragments, conjugates of antibodies and antibody fragments with cytotoxic agents, and hybridomas producing the antibodies and antibody fragments, where the antibodies and antibody fragments recognize extracellular epitopes of plasma membrane proteins that are not released into the extracellular fluid, and to methods for the detection, monitoring and treatment of malignancies such as breast cancer and ovarian cancer using the antibodies, antibody fragments and conjugates.